

**A2. Report Forms**  
**D 6594 Evaluation of the Corrosiveness of Diesel Engine Oil at 135°C**

**Version** HTCBT VERSION 20010117  
**Conducted For**

CC  
 CCC

C	<b>V = Valid</b>
	<b>I = Invalid</b>
	<b>N = Results cannot be interpreted as representative of oil performance. (Non-reference oil).</b>

Test Number			
<b>Bath:</b> CCCCC	<b>Bath Run:</b> CCCC	<b>Bath Position:</b> CC	CC
<b>End of Test Date:</b> YYYYMMDD		<b>End of Test Time:</b> HH:MM	
<b>Oil Code</b> <sup>A</sup> : CCC			CCCCCC
<b>Formulation/Stand Code:</b> CC-CCCCCCCCC-C-C-CCCCCC-CC-CC-CCCC			
<b>Alternate Codes:</b>	CCCCCCCCCC	CCCCCCCCCC	CCCCCCCCCC

**In my opinion this test** CCCCCCC **been conducted in a valid manner in accordance with the Test Method D6594 and the appropriate amendments through the information letter system. The remarks included in the report describe the anomalies associated with this test.**

<sup>A</sup> CMIR or Non-Reference Oil Code

\_\_\_\_\_  
 CCC  
**Testing Laboratory**

\_\_\_\_\_  
 Signature Image  
**Signature**

\_\_\_\_\_  
 CCC  
**Typed Name**

\_\_\_\_\_  
 CCC  
**Title**

**Fig. A2.1 Final Report Cover Sheet**

**D 6594 Evaluation of the Corrosiveness of Diesel Engine Oil at 135°C**  
**Form 2**  
**Summary of Results**

<b>Lab:</b> CC	<b>Bath:</b> CCCCC	<b>Bath Run:</b> CCCC	<b>Bath Position:</b> CC CC
<b>EOT Date:</b> YYYYMMDD		<b>EOT Time:</b> HH:MM	
<b>Oil Code:</b> CCCCC CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC			<b>Start Date:</b> YYYYMMDD
<b>Formulation/Stand Code:</b> CC-CCCCCCCCCC-C-C-C-C-C-C-C-C-C-C-C-C-C-C-C			
<b>Test Length:</b> S12			

Test Oil Identification	
Reference Oil Test	Non-Reference Oil Test
<b>CMIR Code:</b> CCCCC	<b>Oil Code:</b> CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
<b>TMC Oil No.:</b> CCCCC	<b>Formulation/Stand Code:</b> CC-CCCCCCCCCC-C-C-C-C-C-C-C-C-C-C-C-C-C-C-C
<b>SAE Viscosity:</b> CCCCCC	<b>SAE Viscosity:</b> CCCCCC
<b>Lab Oil Code:</b> CCCCCCCCCC	<b>Lab Oil Code:</b> CCCCCCCCCC

Change In Metal Concentration (ppm)							
Metal Type	Number of Runs	Reference Oil Test			Non-Reference Oil Test		
		New Oil Average (ppm)	Used Oil Average (ppm)	Change in Concentration (ppm)	New Oil Average (ppm)	Used Oil Average (ppm)	Change in Concentration (ppm)
<b>Copper (Cu)</b>	S1	AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
<b>Lead (Pb)</b>	S1	AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA	
<b>Tin (Sn)</b>	S1	AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
<b>Internal Std.</b>	S1	AAAAAAA	AAAAAAA		AAAAAAA	AAAAAAA	AAAAAAA

ASTM D-130 Copper Strip Rating	
Reference Oil Test <sup>A</sup>	Non-Reference Oil Test <sup>A</sup>
CCC	CCC

Evaporation Loss (%)	
Reference Oil Test	Non-Reference Oil Test
S1.12	S1.12

Metal Type	Reference Oil Test Specimen		Non-Reference Oil Test Specimen Batch I.D. Number
	Batch ID Number	Batch Code	
<b>Copper (Cu)</b>	CCCCCCCCCCCCCCCC	C	CCCCCCCCCCCCCCCC
<b>Lead (Pb)</b>	CCCCCCCCCCCCCCCC		CCCCCCCCCCCCCCCC
<b>Tin (Sn)</b>	CCCCCCCCCCCCCCCC		CCCCCCCCCCCCCCCC
<b>Bronze</b>	CCCCCCCCCCCCCCCC		CCCCCCCCCCCCCCCC

<sup>A</sup> D130 evaluation is not performed. Only D130 rating scale is used.

Fig. A2.2 Summary of Results



D 6594 Evaluation of the Corrosiveness of Diesel Engine Oil at 135°C

Form 3A  
Comments

<b>Lab:</b> CC	<b>Bath:</b> CCCCC	<b>Bath Run:</b> CCCC	<b>Bath Position:</b> CC	CC
<b>EOT Date:</b> YYYYMMDD		<b>EOT Time:</b> HH:MM		
<b>Oil Code:</b> CCCCC CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC			<b>Start Date:</b> YYYYMMDD	
<b>Formulation/Stand Code:</b> CC-C-CCCCCCCCC-C-C-CCCC-CC-CC-CCCC				

Number of Comment Lines	S12	
		CC
		CC
		CC
		CC
		CC
		CC
		CC
		CC
		CC
		CC
		CC
		CC
		CC
		CC
		CC

Fig A2.3A Comments

**D 6594 Evaluation of the Corrosiveness of Diesel Engine Oil at 135°C**  
**Form 3B**  
**Comments**

<b>Lab:</b> CC	<b>Bath:</b> CCCCC	<b>Bath Run:</b> CCCC	<b>Bath Position:</b> CC      CC
<b>EOT Date:</b> YYYYMMDD		<b>EOT Time:</b> HH:MM	
<b>Oil Code:</b> CCCCC CCC			<b>Start Date:</b> YYYYMMDD
<b>Formulation/Stand Code:</b> CC-CCCCCCCCCC-C-C-CCCCC-CC-CC-CCCCC			

Number of Comment Lines	S12	
CC		
CC		
CC		
CC		
CC		
CC		
CC		
CC		
CC		
CC		
CC		
CC		
CC		
CC		
CC		
CC		
CC		
CC		
CC		

**Fig A2.3B Comments**